

STIC Search Report

STIC Database Tracking Number: 136013

TO: Juliana Kang Location: JEF- 4B85

Art Unit: 2874

Monday, October 25, 2004

Case Serial Number: 09/327826

From: Darcy Bates Location: EIC 2800

JEF-4B68

Phone: 571-272-2540

darcy.bates@uspto.gov

Search Notes

Re: 09/327,826 US 6,328,482

Attached are search results.

No U. S. litigation was found in searches of Lexis-Nexis and Questel-Orbit databases.

If more searching or explanation is needed, please let me know.

Thanks, Darcy Bates



* PALM INTRANET

Day : Monday Date: 10/25/2004 Time: 12:40:03

Patent Number Information

Application Number: 09/327826 Assignments

ts

Examiner Number: 65417 / NGO, HUNG

Filing Date: 06/08/1999

Group Art Unit: 2874

Effective Date: 06/08/1999

Class/Subclass: 385/088.000

Application Received: 06/08/1999
Patent Number: 6328482

Lost Case: NO

Issue Date: 12/11/2001

Interference Number: Unmatched Petition: NO

Date of Abandonment: 00/00/0000

L&R Code: Secrecy Code:1

Attorney Docket Number: 2790-P001

Third Level Review: NO Secrecy Order: NO

Status: 150 / PATENTED CASE

Status Date: 11/21/2001

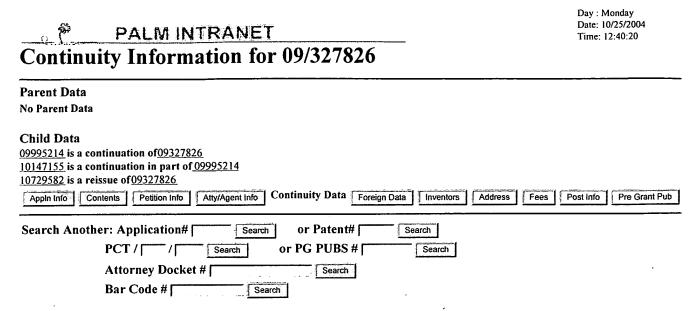
Confirmation Number: 5954

Oral Hearing: NO

Title of Invention: MULTILAYER OPTICAL FIBER COUPLER

Bar Code	PALM Location	Location Date	Charge to Loc	Charge to Name	Employee Name	Location	
<u>09327826</u>	28U4	10/07/2004	28E1	No Charge to Name	WESTIN,EDWARD	JEF/08/D 65	
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Attorney Docket # Search							
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PALM INTRANET

Day: Monday Date: 10/25/2004 Time: 12:40:29

Application Number Information

Application Number: 09/995214 Assignments

Filing Date: 11/26/2001

Effective Date: 11/26/2001

Application Received: 11/29/2001

Pat. Num./Pub. Num: 6527455/20020054737

Issue Date: 03/04/2003

Date of Abandonment: 00/00/0000

Attorney Docket Number: 2790.P001B

Status: 150 /PATENTED CASE

Examiner Number: 65417 / NGO, HUNG

Group Art Unit: 2874

Class/Subclass: 385/088.000

Lost Case: NO

Interference Number:

Unmatched Petition: NO

L&R Code: Secrecy Code:1 Third Level Review: YES

Secrecy Order: NO

Status Date: 02/13/2003

Confirmation Number: 1352 Oral Hearing: NO

Title of Invention: MULTILAYER OPTICAL FIBER COUPLER

Bar Code	PALM Location	Location Date	Charge to Loc	Charge to Name	Employee Name	Location	
09995214	28U4	10/07/2004	28E1	No Charge to Name	<u>WESTIN,EDWARD</u>	JEF/08/D 65	
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PCT / Search or PG PUBS # Search							
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	Bar Code # [earch				

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Day : Monday Date: 10/25/2004 Time: 12:40:36

PALM INTRANET Continuity Information for 09/995214

Parent Data

09995214

is a continuation of 09327826

Which Claims Priority from Provisional Application 60088374

Which Claims Priority from Provisional Application 60098932

Child Data

10147155 is a continuation in part of <u>09995214</u>

Appla la la Contents Petition la la Contents Au	<u>∀/Agentlinfo</u> Continuity Data	Foreign Data Inventors Address	S Frank Postinio ProGrant Pub
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Attorney Docket # [Search		
Bar Code #	Search		•

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PALM INTRANET

Day: Monday Date: 10/25/2004 Time: 12:41:02

Application Number Information

Application Number: 10/147155 Assignments

Examiner Number: 79570 / MACCHIAROLO, PETER

Filing Date: 05/15/2002

Group Art Unit: 2879

IFW IMAGE

Effective Date: 05/15/2002

Class/Subclass: 385/088.000

Application Received: 05/17/2002

Lost Case: NO

Pat. Num./Pub. Num: /20030002809

Interference Number: Unmatched Petition: NO

Issue Date: 00/00/0000

Date of Abandonment: 00/00/0000

L&R Code: Secrecy Code:1

Attorney Docket Number: 2790.P003A

Third Level Review: NO

Secrecy Order: NO

Status: 71 /RESPONSE TO NON-FINAL OFFICE ACTION ENTERED AND FORWARDED TO EXAMINER

Status Date: 09/30/2004

Confirmation Number: 9801

Oral Hearing: NO

Title of Invention: VERTICALLY INTEGRATED OPTICAL DEVICES COUPLED TO OPTICAL FIBERS

Bar Code	PALM Location	Location Date	Charge to Loc	Charge to Name	Employee Name	Location
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	Bar Code #	Search				

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Day: Monday Date: 10/25/2004 Time: 12:41:08

PALM INTRANET Continuity Information for 10/147155

Parent Data

10147155

Claims Priority from Provisional Application 60291169

is a continuation in part of 09995214

Which is a continuation of <u>09327826</u>

Which Claims Priority from Provisional Application 60088374

Which Claims Priority from Provisional Application 60098932

Child Data

No Child Data

Application of the continuity Data Foreign Data Inventors Address Fees Post Info Pre-Grant Pub
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PCT / Search or PG PUBS # Search
Attorney Docket # Search
Bar Code # Search

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Litigation involving patent 6,328,482

Click on the docket number to view the docket. Click on the above patent number to view the patent.

Docket Case Heading Date Filed Date Retrvd Date Re

There are no cases involving this patent number.

Source: <u>Legal</u> > <u>Area of Law - By Topic</u> > <u>Patent Law</u> > <u>Patents</u> > <u>U.S. Patents</u> > <u>Utility Patents</u>

Terms: patno=6328482 (Edit Search)

327826 (09) 6328482 December 11, 2001

UNITED STATES PATENT AND TRADEMARK OFFICE GRANTED PATENT

6328482

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Link to Claims Section

December 11, 2001

Multilayer optical fiber coupler

REISSUE: December 6, 2003 - Reissue Application filed Ex. Gp.: 2874; Re. S.N. 10/729,582 (O.G. March 2, 2004)

INVENTOR: Jian, Benjamin Bin - 233 N. Mollison Ave. #51, El Cajon, California, 92021

APPL-NO: 327826 (09)

FILED-DATE: June 8, 1999

GRANTED-DATE: December 11, 2001

LEGAL-REP: Law Offices of James P. McFarland

PUB-TYPE: December 11, 2001 - Utility Patent having no previously published pre-grant

publication (B1)

PUB-COUNTRY: United States (US)

REL-DATA:

Provisional Application Ser. No. 60/088374, June 8, 1998 Provisional Application Ser. No. 60/098932, September 3, 1998

US-MAIN-CL: 385#88

US-ADDL-CL: 385#33, 385#34, 385#89, 385#93

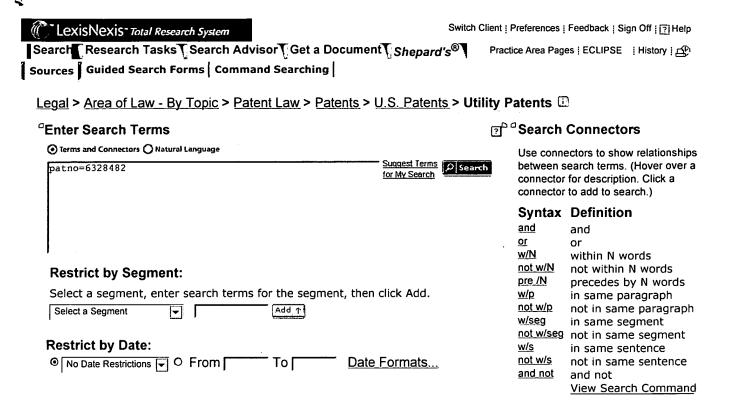
CL: 385

SEARCH-FLD: 385#33, 385 88- 94

IPC-MAIN-CL: 7G 02B006#36

PRIM-EXMR: Ngo, Hung N.

REF-CITED:



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Selected file: PLUSPAT

Search statement 1

Query/Command : us 6328482/pn

** SS 4: Results 1

Search statement 5

Query/Command : prt fu legalall max

1 / 1 PLUSPAT - @QUESTEL-ORBIT

PN - US6328482 B1 20011211 [US6328482]

TI - (B1) Multilayer optical fiber coupler

IN - (B1) JIAN BENJAMIN BIN (US)

AP - US32782699 19990608 [1999US-0327826]

FD - Rel. Prov. 60/088,374 19980608 [1998US-P088374] Rel. Prov. 60/098,932 19980903 [1998US-P098932]

PR - US32782699 19990608 [1999US-0327826] US8837498P 19980608 [1998US-P088374] US9893298P 19980903 [1998US-P098932]

IC - (B1) G02B-006/36 EC - G02B-006/42C5P2

ICO - S02B-006/42C3 S02B-006/42C3B S02B-006/42C5A2D

PCL - ORIGINAL (O): 385088000; CROSS-REFERENCE (X): 385033000 385034000 385089000 385093000

DT - Basic

CT - US3968564; US4292512; US4466696; US4897711; US4934784; US4945400; US5181224; US5195150; US5247597; US5259054; US5337398; US5345529; US5346583; US5434939; US5471552; US5501893; US5742720; US6023546; JP6-138341

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STG -(B1) U.S. Patent (no pre-grant pub.) after Jan. 2, 2001 AB -A multilayer optical fiber coupler for coupling optical radiation between an optical device and an optical fiber, including a first layer that has a fiber socket formed by photolithographic masking and etching to extend through said first layer, and a second layer bonded to the first layer. The first layer may comprise substantially single-crystal silicon. An optical fiber is inserted into the fiber socket to align the optical fiber precisely within the fiber socket. In one embodiment the optical fiber is a single mode fiber, and an optical focusing element formed on the second layer is aligned with the core of the single mode fiber. The second layer may comprise glass having an index of refraction that approximately matches the index of the optical fiber, and an optical epoxy is used to affix the optical fiber into the fiber socket and fill the gaps between the end face of the fiber and the second layer. Embodiments are disclosed in which an optical device such as a VCSEL or photodetector is bonded to the second layer. Alternative embodiments are disclosed in which the optical device is incorporated into the second layer. Advantages include reduced cost due to batch fabrication techniques, and passive alignment of the optical fiber.

UP - 2001-51

1 / 1 LGST - @EPO

PN - US6328482 B1 20011211 [US6328482] AP - US32782699 19990608 [1999US-0327826]

ACT - 20040302 US/RF-A

REISSUE APPLICATION FILED EFFECTIVE DATE: 20031206

UP - 2004-11

1 / 1 CRXX - @CLAIMS/RRX

3617588 AN -

PN - 6,328,482 A 20011211 [US6328482] PA - Jian, Benjamin Bin

PT - M (Mechanical)

ACT - 20030703 REASSIGNED

ASSIGNMENT OF ASSIGNORS INTEREST

Assignor: JIAN, BENJAMIN B., DATE SIGNED: 06/30/2003

Assignee: ARRAYED FIBEROPTICS CORPORATION, 40037 FREMONT BLVD.

#403, FREMONT, CALIFORNIA, 94538

Reel 014227/Frame 0497

Contact: BENJAMIN B. JIAN, 40037 FREMONT BLVD. #403, FREMONT, CA

94538

20031206 REISSUE REQUESTED ISSUE DATE OF O.G.: 20040302 REISSUE REQUEST NUMBER: 10/729582

EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 2874

Reissue Patent Number:

UP - 2004-09 : UACT- 2004-03-02 URAS- 2004-02-24

Search statement 5

· Query/Command : fam us6328482/pn

1 Patent Groups ** SS 5: Results 3

Search statement 6

Query/Command : famstate nonstop

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1 / 3
       PLUSPAT - @QUESTEL-ORBIT - image
PN -
       US2003002809 A1 20030102 [US20030002809]
STG -
       (A1) Utility Patent Application published on or after January 2, 2001
TI -
       (A1) Vertically integrated optical devices coupled to optical
fibers
IN -
       (A1) JIAN BENJAMIN B (US)
IC -
        (A1) G02B-006/26 G02B-006/293 G02B-006/38
AP -
       US14715502 20020515 [2002US-0147155]
US14715502 20020515 [2002US-0147155]
PR -
        US99521401 20011126 [2001US-0995214]
        US32782699 19990608 [1999US-0327826]
        US29116901P 20010515 [2001US-P291169]
        US8837498P 19980608 [1998US-P088374]
        US9893298P 19980903 [1998US-P098932]
EC - G02B-006/42C5P2
ICO - S02B-006/42C3
        S02B-006/42C3B
        S02B-006/42C5A2D
       ORIGINAL (O): 385073000; CROSS-REFERENCE (X): 385140000
PCI. -
        385031000 385047000 385048000 385024000
DT -
       Corresponding document
UP -
       2003-04
2 / 3 PLUSPAT - @QUESTEL-ORBIT
PN - US6328482 B1 20011211 [US6328482]
STG - (B1) U.S. Patent (no pre-grant pub.) after Jan. 2, 2001
TI - (B1) Multilayer optical fiber coupler
IN - (B1) JIAN BENJAMIN BIN (US)
IC - (B1) G02B-006/36
AP - US32782699 19990608 [1999US-0327826]
PR - US32782699 19990608 [1999US-0327826]
       US8837498P 19980608 [1998US-P088374]
       US9893298P 19980903 [1998US-P098932]
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       G02B-006/42C5P2
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ICO -
        S02B-006/42C3B
        S02B-006/42C5A2D
        ORIGINAL (O): 385088000; CROSS-REFERENCE (X): 385033000
PCL -
        385034000 385089000 385093000
DT -
       Basic
       2001-51
1 / 1 LEGALI - ©EPO
PN -
       US6328482 B1 20011211 [US6328482]
AP -
       US32782699 19990608 [1999US-0327826]
        20040302 US/RF-A
        REISSUE APPLICATION FILED
        EFFECTIVE DATE: 20031206
TIP -
       2004-11
3 / 3 PLUSPAT - @QUESTEL-ORBIT - image
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PN - US2002054737 A1 20020509 [US20020054737]

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STG -
        (A1) Utility Patent Application published on or after January 2, 2001
TI -
        (A1) Multilayer optical fiber coupler
IN -
       (A1) JIAN BENJAMIN B (US)
IC -
       (A1) G02B-006/30 G02B-006/32
PN2 -
        US6527455 B2 20030304 [US6527455]
STG2-
       (B2) U.S. Patent (with pre-grant pub.) after Jan. 2, 2001
       (B2) Multilayer optical fiber coupler
TI2 -
IN2 -
       (B2) JIAN BENJAMIN B (US)
       (B2) G02B-006/36
IC2 -
AP -
        US99521401 20011126 [2001US-0995214]
PR -
        US99521401 20011126 [2001US-0995214]
        US32782699 19990608 [1999US-0327826]
        US8837498P 19980608 [1998US-P088374]
US9893298P 19980903 [1998US-P098932]
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        ORIGINAL (O): 385088000; CROSS-REFERENCE (X): 385033000
PCL -
        385034000 385089000 385093000
        Corresponding document
DT -
        2002-21
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● Terms and Connectors ○ Natural Language 6328482 or 6,328,482	Suggest Terms Search	Use connectors to show relationships between search terms. (Hover over a connector for description. Click a connector to add to search.)		
Restrict by Segment: Select a segment, enter search terms for the segment, then Select a Segment Restrict by Date: No Date Restrictions O From To Date	click Add. Formats	Syntax and or w/N not w/N pre /N w/p not w/p w/seg not w/seg w/s not w/s and not	Definition and or within N words not within N words precedes by N words in same paragraph not in same paragraph in same segment not in same segment in same sentence not in same sentence and not View Search Command	

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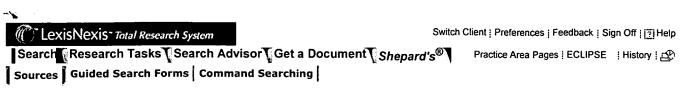
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Restrict by Segment: Select a segment, enter search terms for the segment, then Select a Segment Restrict by Date: No Date Restrictions O From To Date	click Add. Formats	Syntax and or w/N not w/N pre /N w/p not w/p w/seg not w/seg not w/sed and not	Definition and or within N words not within N words precedes by N words in same paragraph not in same paragraph in same segment not in same segment in same sentence not in same sentence and not View Search Command		

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